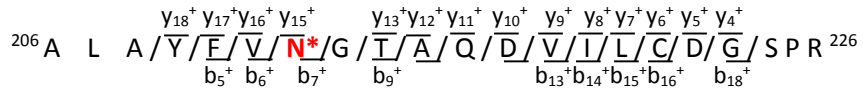
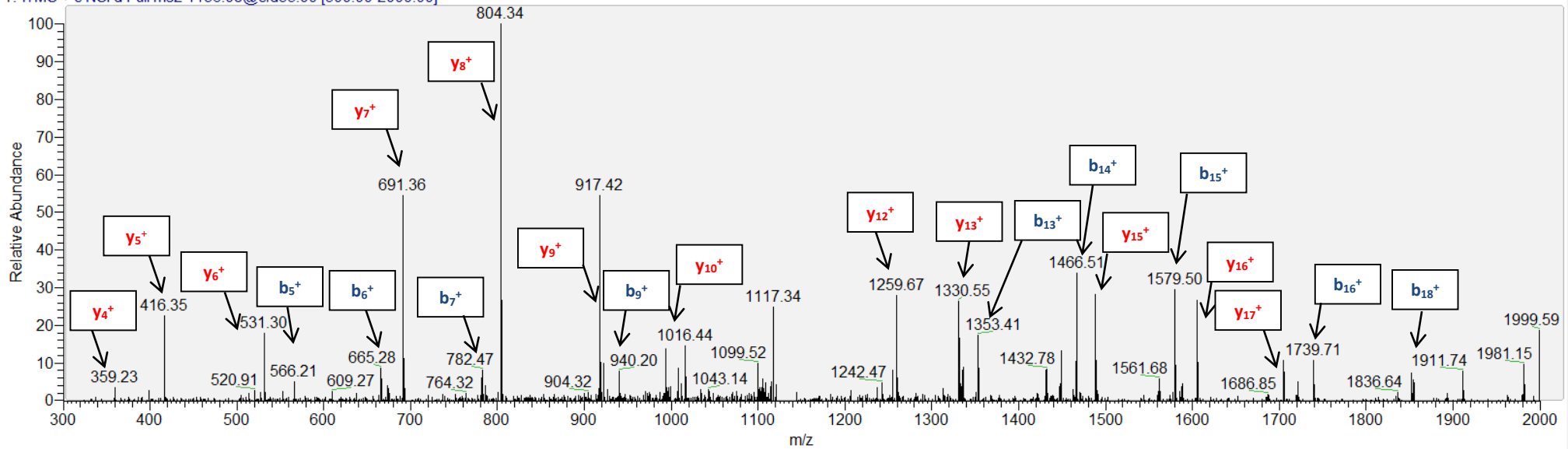


N* 3Da shift on N after PNGase F treatment in H2O18 water.

N212:

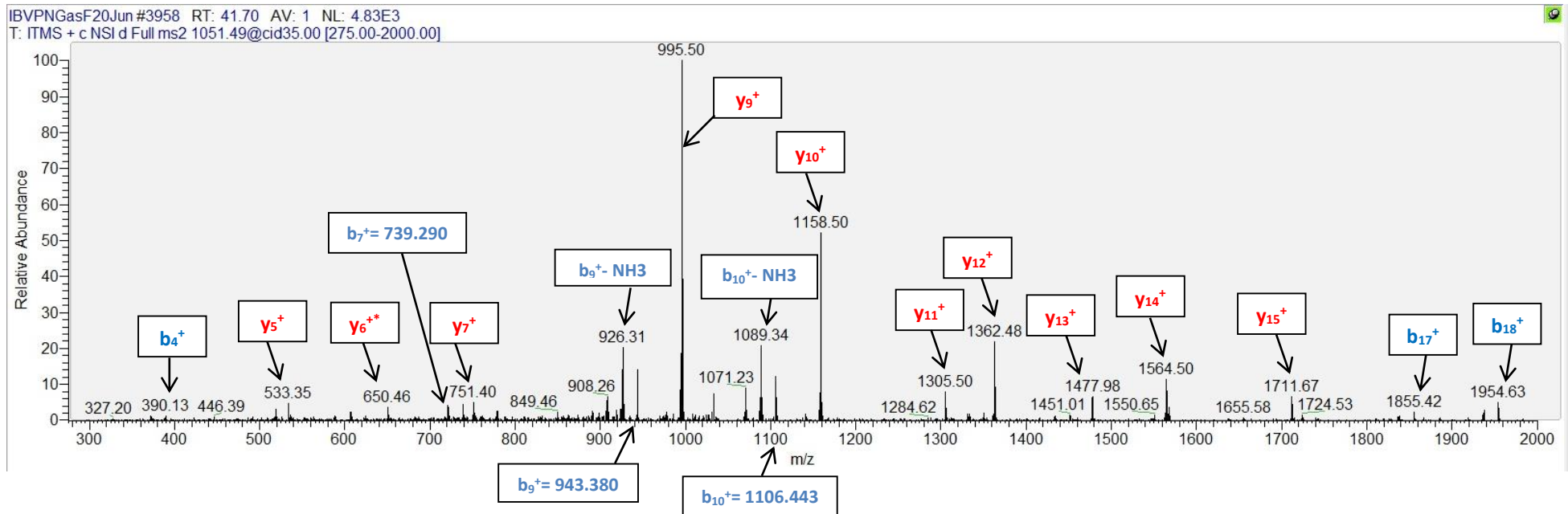
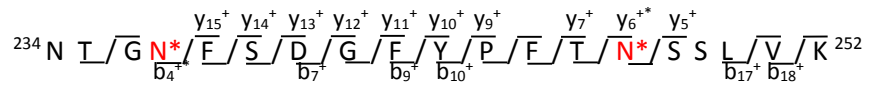


Spike_Nglyco30July #7677 RT: 81.80 AV: 1 NL: 6.28E2
 T: ITMS + c NSI d Full ms2 1136.08@cid35.00 [300.00-2000.00]



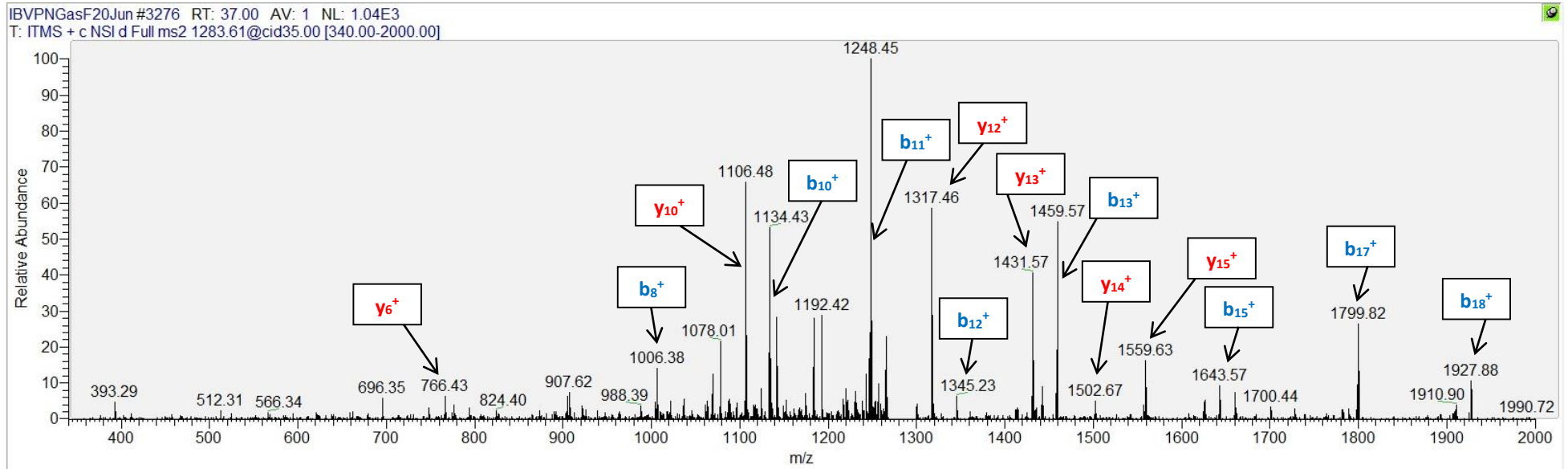
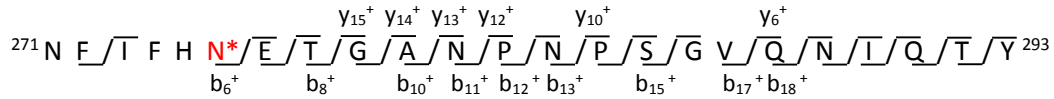
LC-MS/MS spectrum of the doubly charged peak (ALAYFVN*GTAQDVLICDGSPR, $[M+2H]^{2+} = 1136.08 \text{ m/z}$). In the CID MS/MS spectrum, most y ions (y_{17}^+ , y_{16}^+ , y_{15}^+ , y_{13}^+ , y_{12}^+ , y_{11}^+ , y_{10}^+ , y_9^+ , y_8^+ , y_7^+ , y_6^+ , y_5^+ , y_4^+) and b ions (b_{18}^+ , b_{16}^+ , b_{15}^+ , b_{14}^+ , b_{13}^+ , b_9^+ , b_7^+ , b_6^+ , b_5^+) match well to their theoretical m/z scores.

N237/N247:



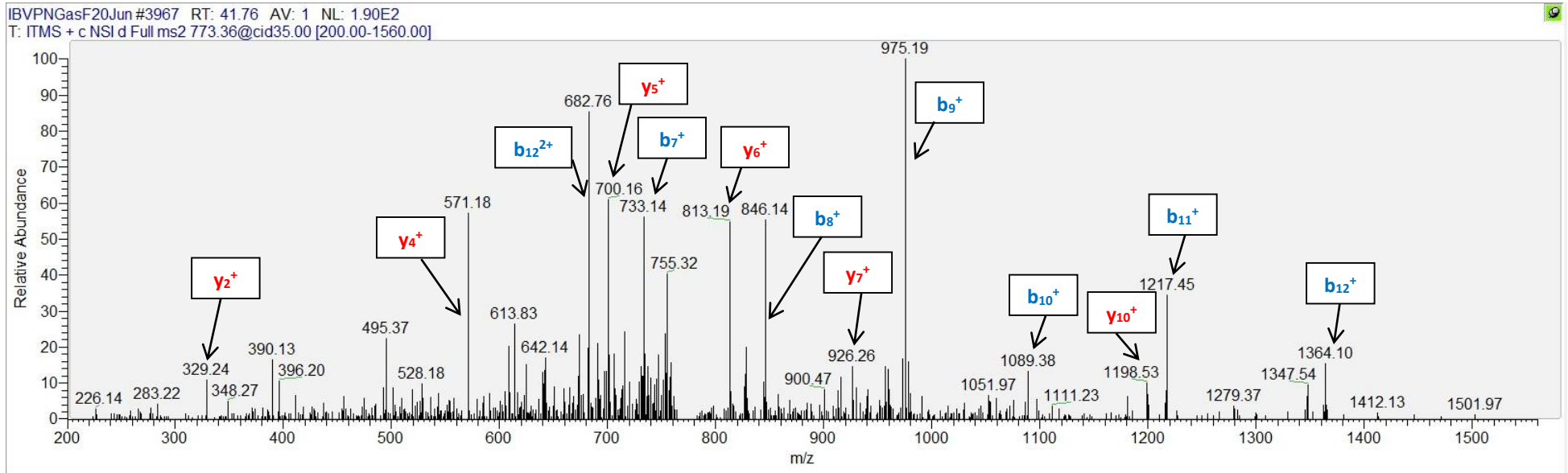
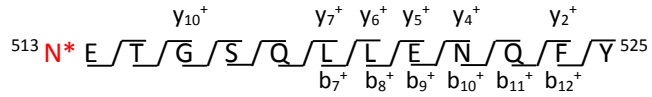
LC-MS/MS spectrum of the doubly charged peak (NTGN*FSDGFY PFTN*SSLVK, $[\text{M}+2\text{H}]^{2+} = 1051.49 \text{ m/z}$). In the CID MS/MS spectrum, most y ions (y_{17}^+ , y_{15}^+ , y_{14}^+ , y_{13}^+ , y_{12}^+ , y_{11}^+ , y_{10}^+ , y_9^+ , y_7^+ , y_6^{+*} , y_5^+) and b ions (b_{18}^+ , b_{17}^+ , b_{10}^+ , $\text{b}_{10}^+ - \text{NH}_3$, b_9^+ , $\text{b}_9^+ - \text{NH}_3$, b_7^+ , b_6^+ , b_4^+) match well to their theoretical m/z scores.

N276:



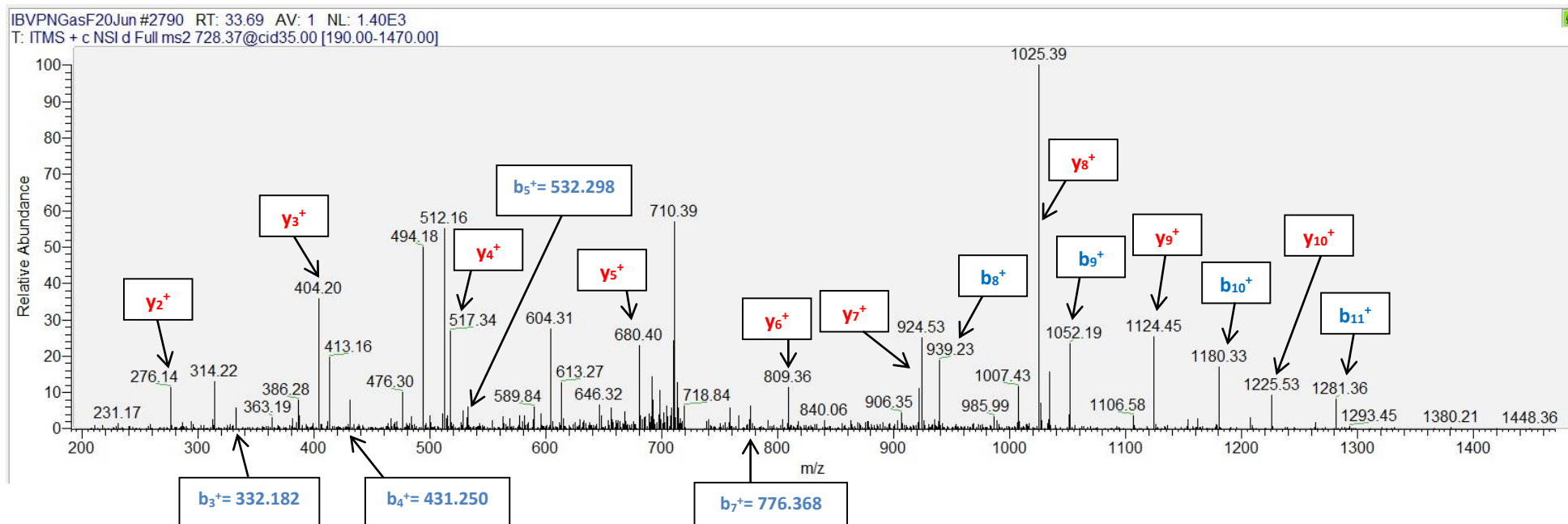
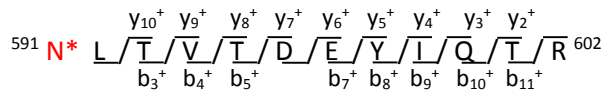
LC- MS/MS spectrum of the doubly charged peak (NFIFHN*ETGANPNPSGVQNIQTY, [M+2H]²⁺ =1283.61 m/z). In the CID MS/MS spectrum, most y ions (y₁₅⁺, y₁₄⁺, y₁₃⁺, y₁₂⁺, y₁₀⁺, y₆⁺) and b ions (b₁₈⁺, b₁₇⁺, b₁₅⁺, b₁₃⁺, b₁₂⁺, b₁₁⁺, b₁₀⁺, b₈⁺, b₆⁺) match well to their theoretical m/z scores.

N513:



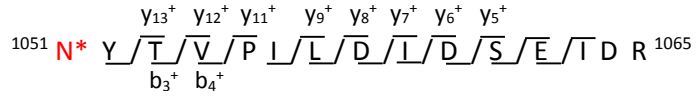
LC MS/MS spectrum of doubly charged peak (N*ETGSQ LLENQFY, $[M+2H]^{2+} = 773.36$ m/z). In the CID MS/MS spectrum, most y ions (y₁₀⁺, y₇⁺, y₆⁺, y₅⁺, y₄⁺, y₂⁺) and b ions (b₁₂⁺, b₁₁⁺, b₁₀⁺, b₉⁺, b₈⁺, b₇⁺) match well to their theoretical m/z scores.

N591:

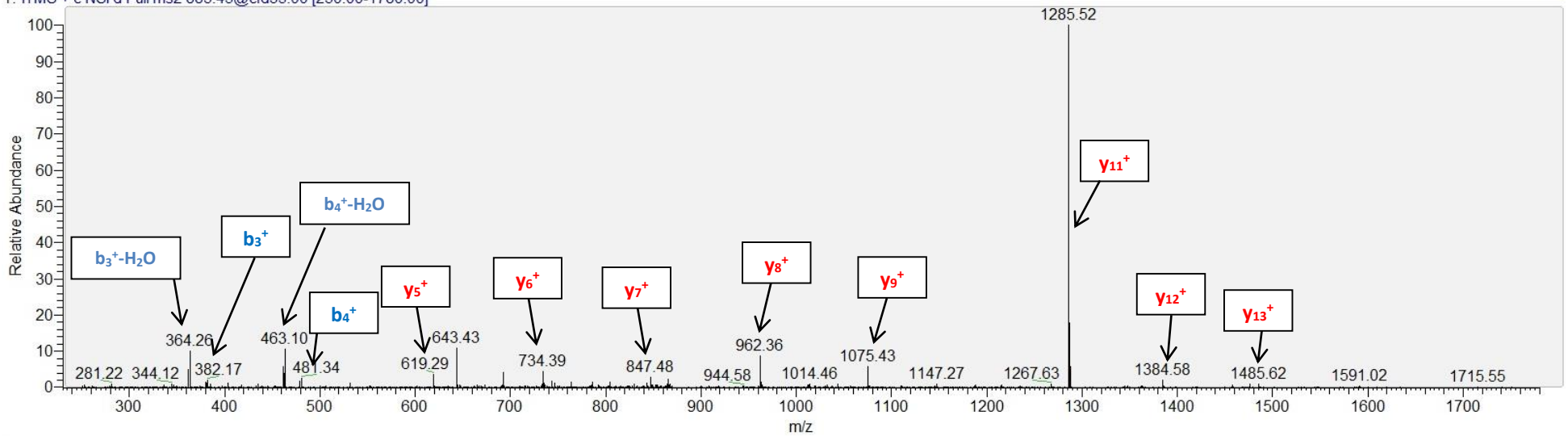


LC- MS/MS spectrum of the doubly charged peak ($N^*LTVTDEYIQR$, $[M+2H]^{2+} = 728.37 \text{ m/z}$). In the CID MS/MS spectrum, most y ions (Y_{10}^+ , Y_9^+ , Y_8^+ , Y_7^+ , Y_6^+ , Y_5^+ , Y_4^+ , Y_3^+ , Y_2^+) and b ions (b_{11}^+ , b_{10}^+ , b_9^+ , b_8^+ , b_7^+ , b_5^+ , b_4^+ , b_3^+) match well to their theoretical m/z scores.

N1051:



IBVPNGasF20Jun #4264 RT: 43.87 AV: 1 NL: 3.99E3
T: ITMS + c NSI d Full ms2 883.45@cid35.00 [230.00-1780.00]



LC- MS/MS spectrum of the doubly charged peak ($\text{N}^* \text{YTVPIILDISEIDR}$, $[\text{M}+2\text{H}]^{2+} = 883.45 \text{ m/z}$). In the CID MS/MS spectrum, most y ions (y_{10}^+ , y_9^+ , y_8^+ , y_7^+ , y_6^+ , y_5^+ , y_4^+ , y_3^+ , y_2^+) and b ions (b_3^+ , $\text{b}_3^+ - \text{H}_2\text{O}$, b_4^+ , $\text{b}_4^+ - \text{H}_2\text{O}$) match well to their theoretical m/z scores.

